

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

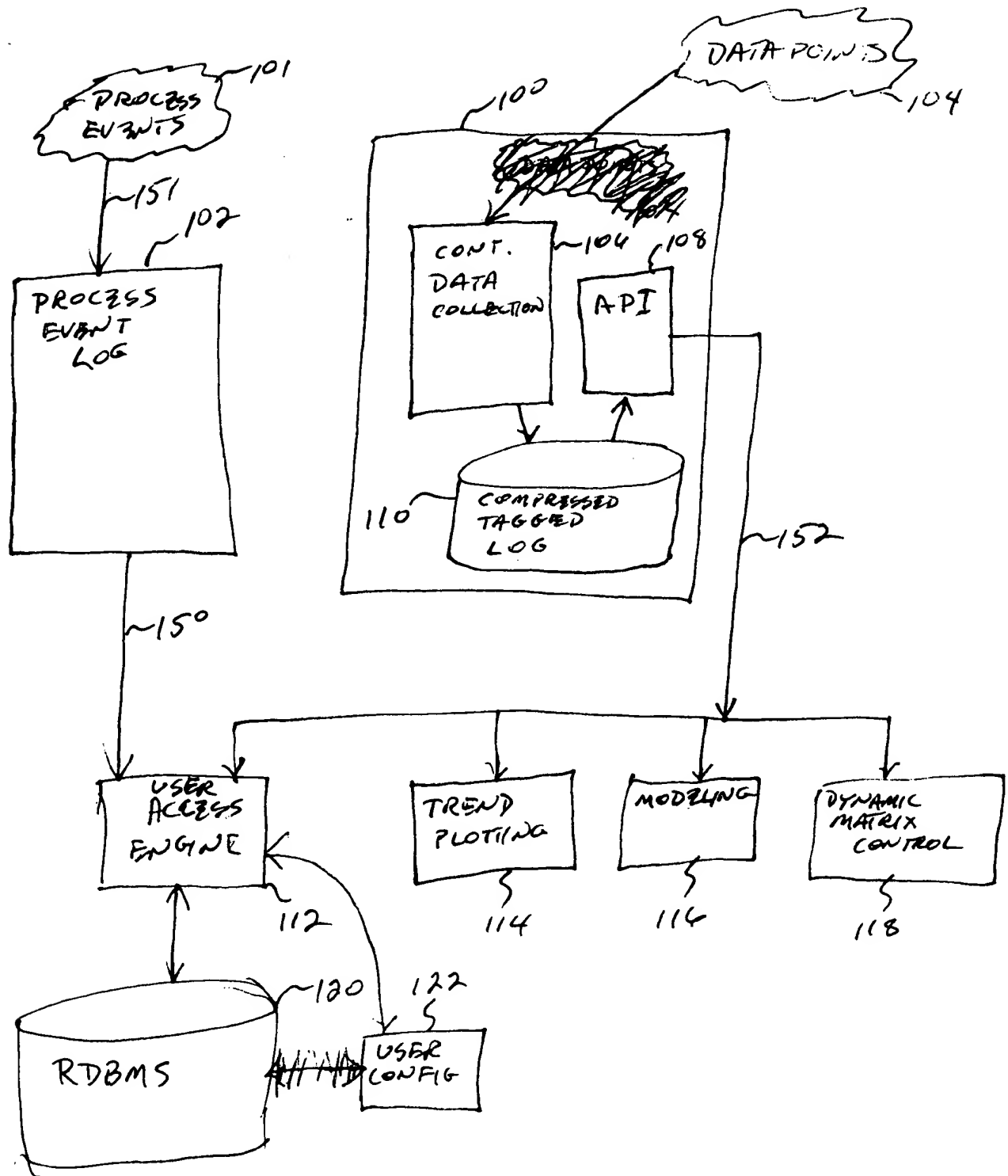
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problems Mailbox.**

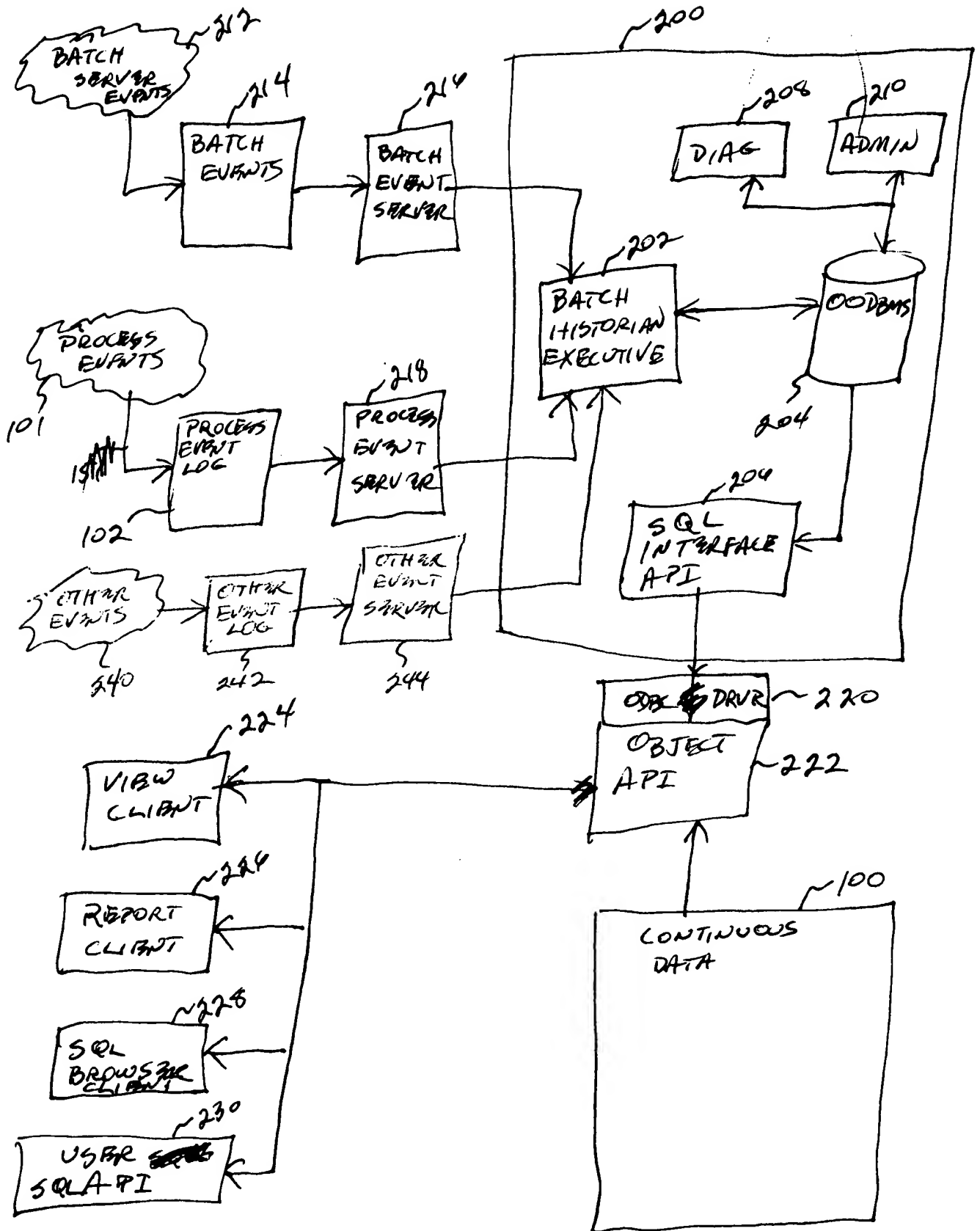
FIG 1
(PRIOR ART)

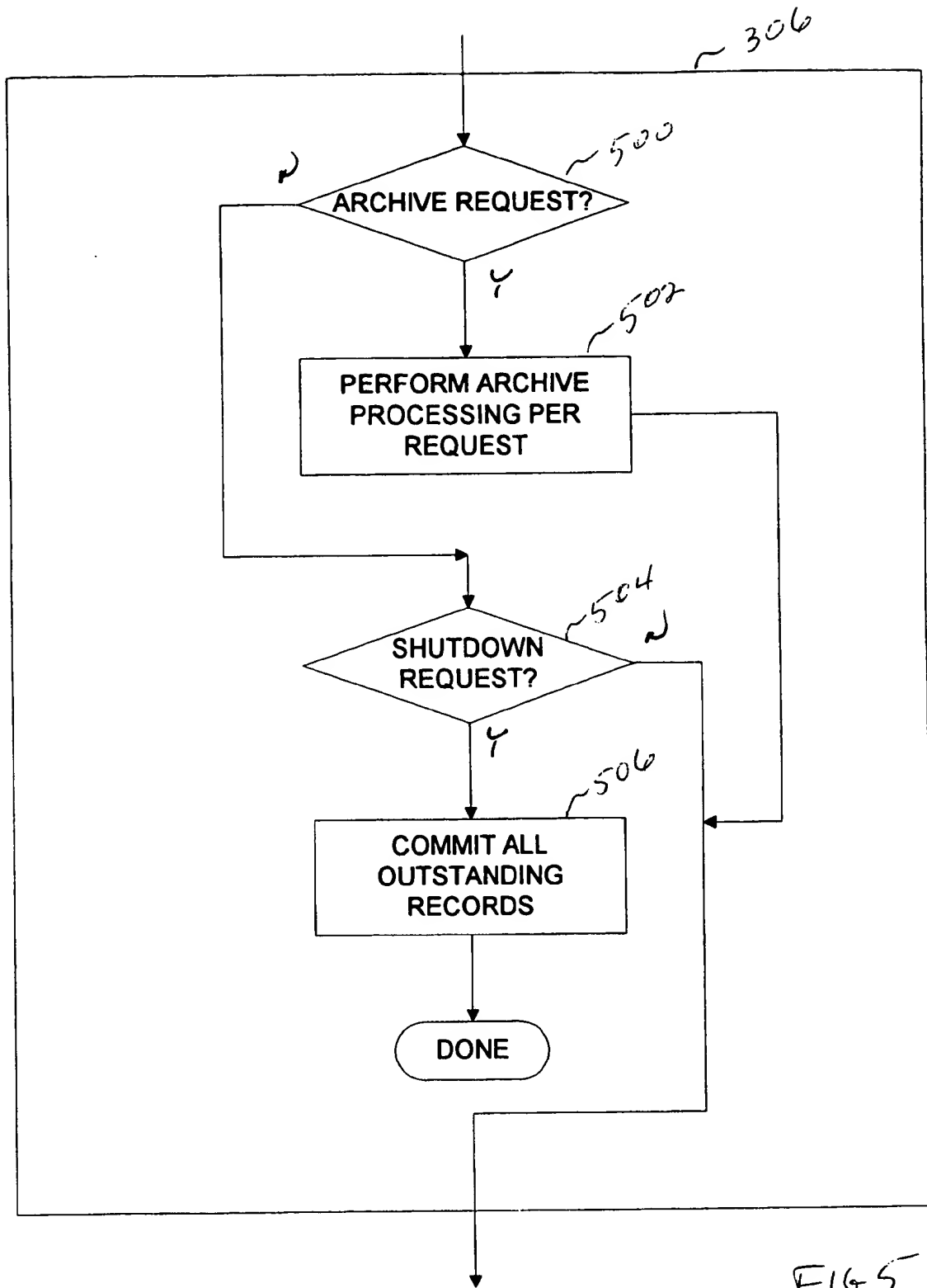


66640-28920E60

FIG 2

NAME BOXES
DASHED
LINES





666240-28920E50

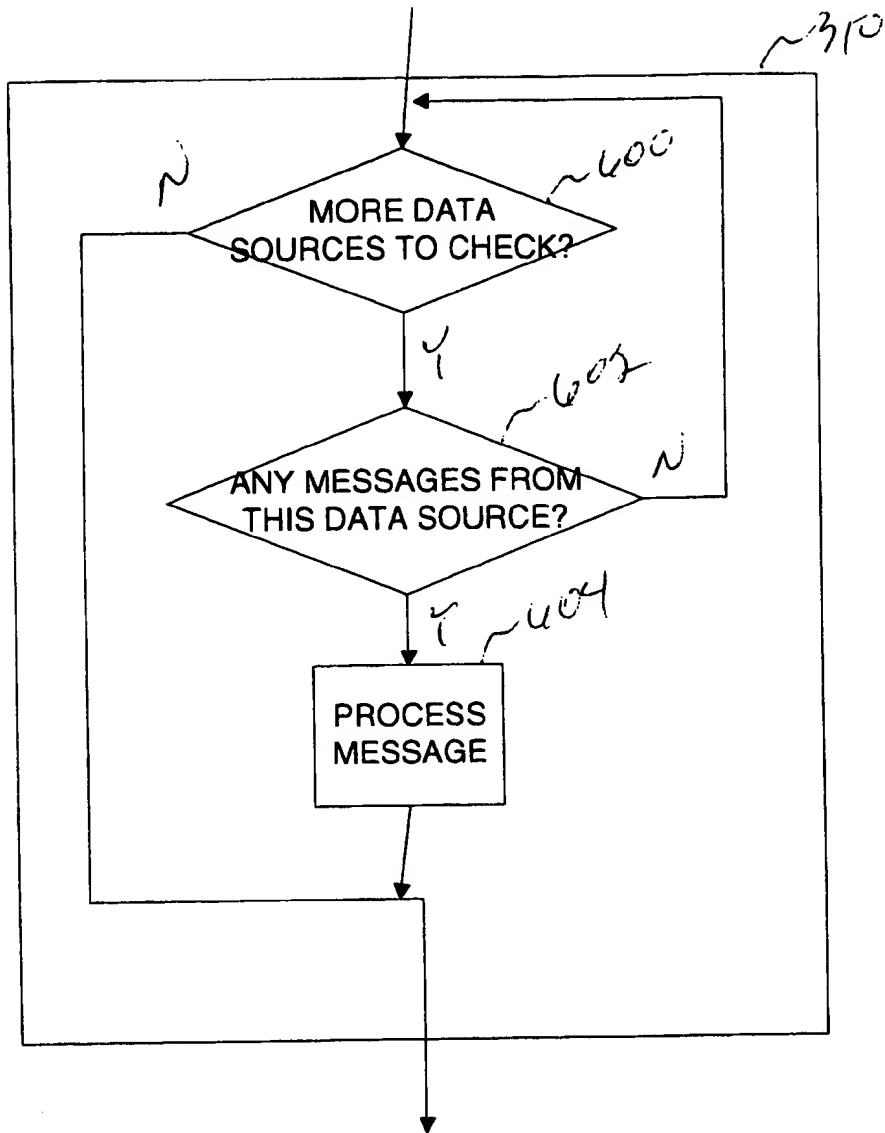
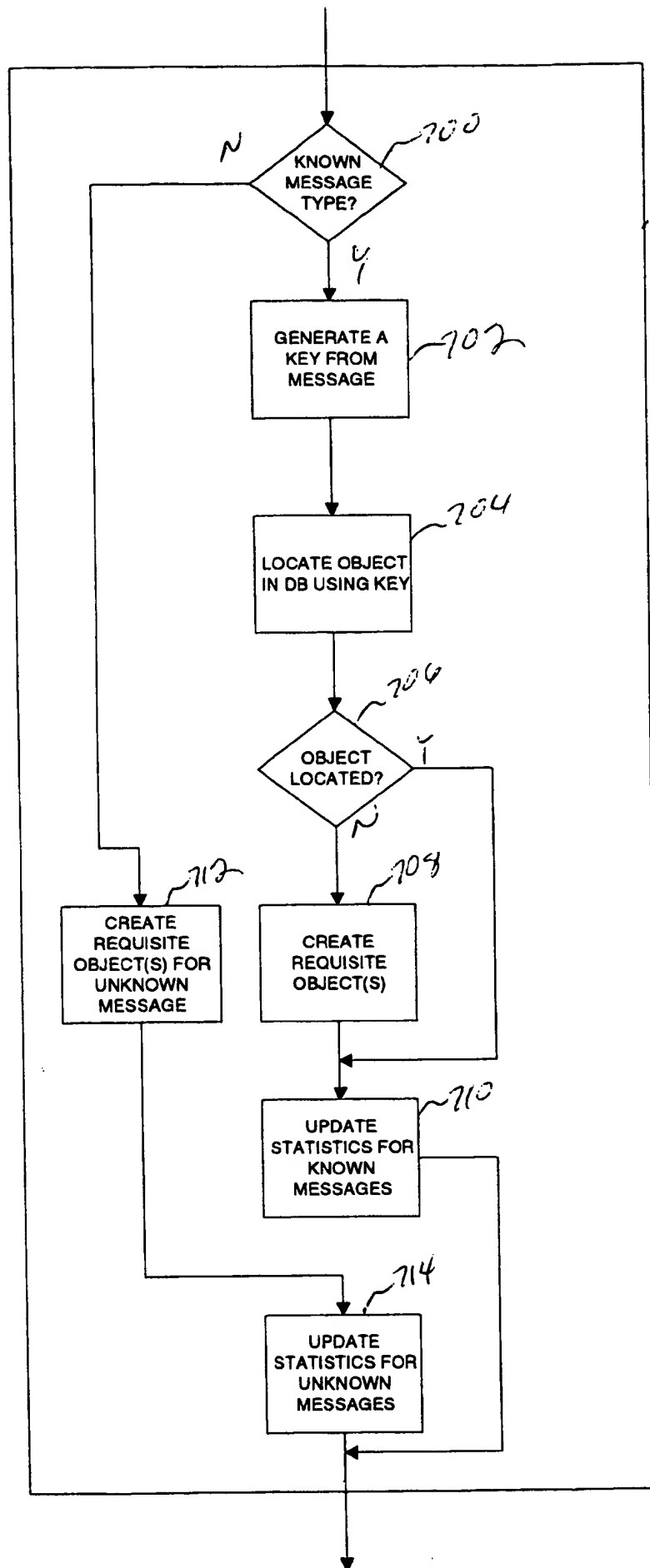


FIG 4

0930687-042060



F167

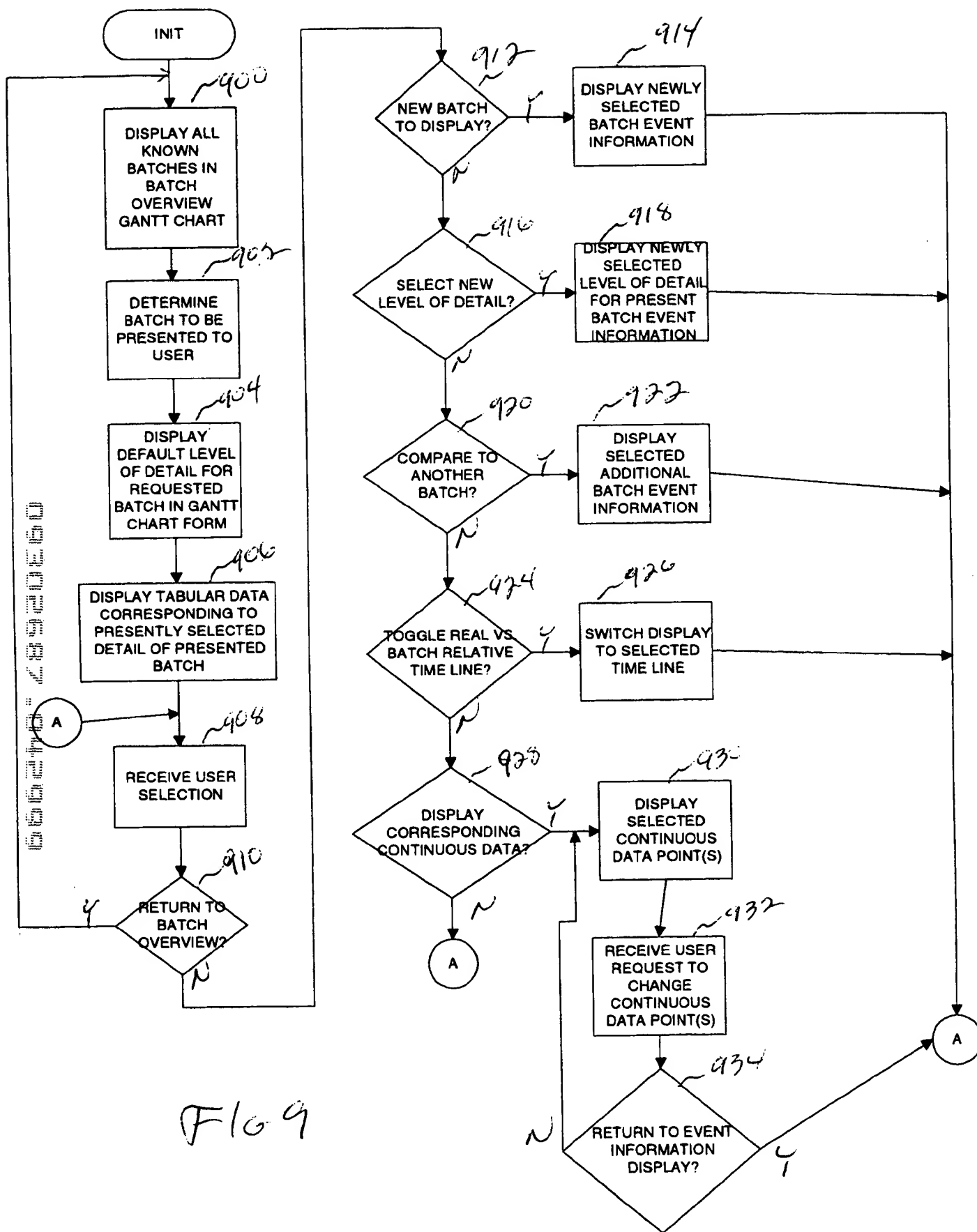


FIG 9

Batch Overview Chart

FIG 10

Batch History View - [Batch Overview]

File Edit View Batch Process Graph Export Applications Window Help

Default

Batch Overview for Oct. 18, 1998

10/18/98
7:20:49 AM

8:26:10 AM
EE_19981019.1

EE_19981019.010

EE_19981019.009

EE_19981019.00

EE_19981019.007

EE_19981019.006

EE_19981019.00

EE_19981019.1

EE_19981019.003

7:20:49 AM

8:26:10 AM

Batch Id

	Batch Id	Start Time	End Time	Description	Product	Author	Recipe Version	Scale
1	EE_19981019.011	10/18/98 08:19:46	10/18/98 08:26:10	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
2	EE_19981019.010	10/18/98 07:57:19	10/18/98 08:18:22	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
3	EE_19981019.009	10/18/98 07:57:12	10/18/98 08:09:06	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
4	EE_19981019.008	10/18/98 07:56:38	10/18/98 08:03:52	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
5	EE_19981019.007	10/18/98 07:40:09	10/18/98 07:56:46	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
6	EE_19981019.006	10/18/98 07:37:13	10/18/98 07:50:05	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
7	EE_19981019.005	10/18/98 07:37:07	10/18/98 07:44:25	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
8	EE_19981019.004	10/18/98 07:30:21	10/18/98 07:36:47	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
9	EE_19981019.003	10/18/98 07:20:49	10/18/98 07:29:59	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %

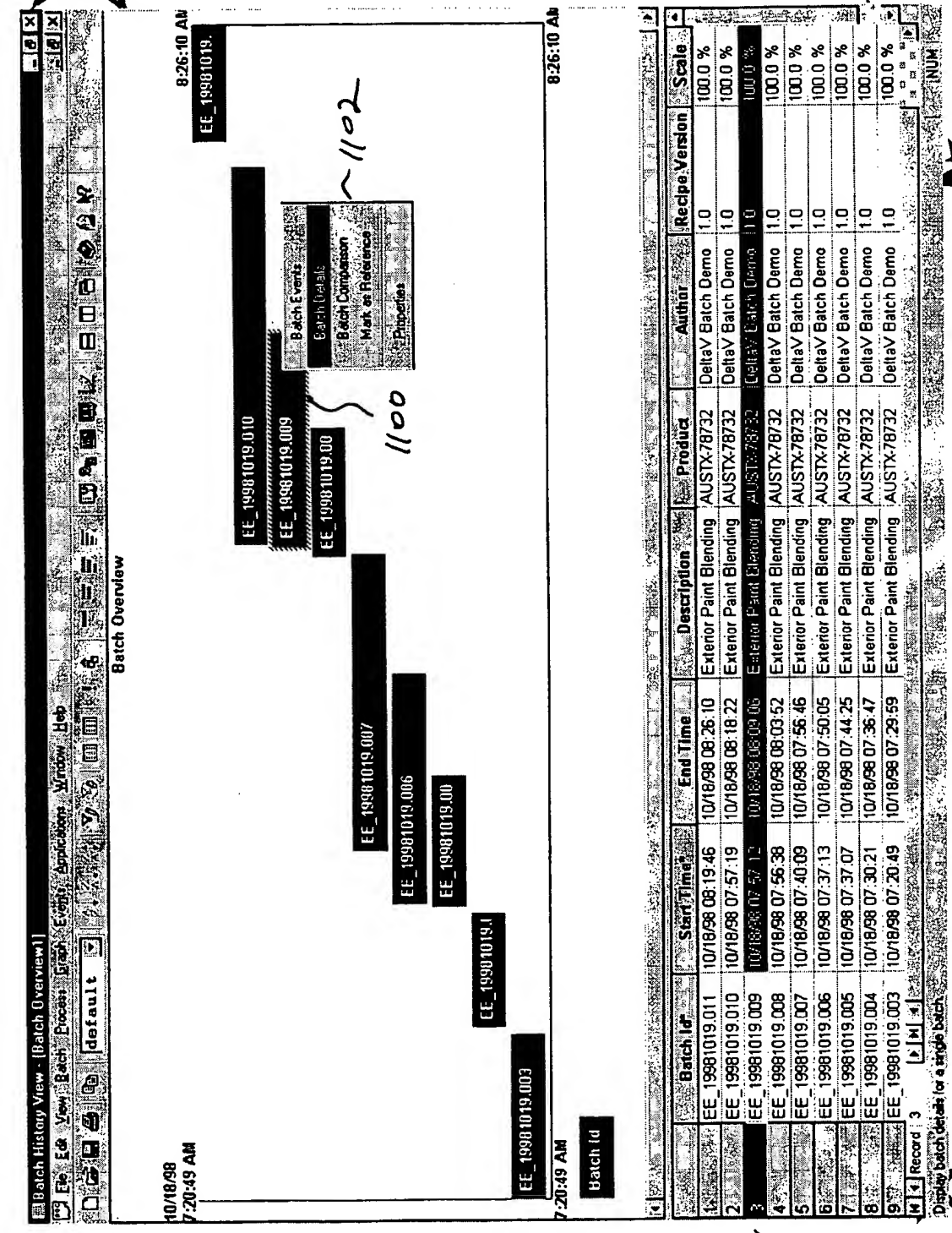
Record 1

10/18/98 8:26:59 AM

09302637 - 04-29-99

4

FIG 11



09302687 - 042999

5

FIG 12



EE 19981019.009

10/18/98
7:57:12 AM

8:01:10 AM

8:05:08 AM

8-19-06 AM

EXTERIOR ENAMEL

UP_SEND_BA	UP	U	1204
OP_SEND_B	OP	O	1204
XFER:1	DUMP	DU	1208
UP_CHRG_BLD_STRG:1			
OP_HCV_BAS	OP	O	OP_RCV_CLR:1
CHARGE_BAS	CHAF	CH	CHARGE_COLOR:1
MAN_INCRD_ADDTN		AGITATI_DRAIN:1	
OP_TFR_TO_STRG:1			

7:57:12 AM

8:01:10 AM

05-08 AM

8-09-06 AB

Procedure	Unit Procedure	Operation	Phase
-----------	----------------	-----------	-------

Batch Id	Action Type	Start Time	End Time	Activate time	Deactivate time	Procedure
EE_19981019.009	phase	10/18/98 08:06:41	10/18/98 08:09:05	10/18/98 08:06:41	10/18/98 08:09:05	EXTERIOR_ENAMEL
EE_19981019.009	phase	10/18/98 08:05:54	10/18/98 08:06:41	10/18/98 08:05:54	10/18/98 08:06:41	EXTERIOR_ENAMEL
EE_19981019.009	operation	10/18/98 08:05:54	10/18/98 08:09:05	10/18/98 08:05:54	10/18/98 08:09:05	EXTERIOR_ENAMEL
EE_19981019.009	phase	10/18/98 08:04:09	10/18/98 08:05:54	10/18/98 08:04:09	10/18/98 08:05:54	EXTERIOR_ENAMEL
EE_19981019.009	operation	10/18/98 08:04:09	10/18/98 08:05:54	10/18/98 08:04:09	10/18/98 08:05:54	EXTERIOR_ENAMEL
EE_19981019.009	phase	10/18/98 08:03:52	10/18/98 08:04:09	10/18/98 08:03:52	10/18/98 08:04:09	EXTERIOR_ENAMEL
EE_19981019.009	operation	10/18/98 08:03:52	10/18/98 08:04:09	10/18/98 08:03:52	10/18/98 08:04:09	EXTERIOR_ENAMEL
EE_19981019.009	uniprocudure	10/18/98 08:03:52	10/18/98 08:04:09	10/18/98 08:03:52	10/18/98 08:09:05	EXTERIOR_ENAMEL
EE_19981019.009	phase	10/18/98 08:00:36	10/18/98 08:04:09	10/18/98 08:00:36	10/18/98 08:04:09	EXTERIOR_ENAMEL
EE_19981019.009	operation	10/18/98 08:00:36	10/18/98 08:04:09	10/18/98 08:00:36	10/18/98 08:04:09	EXTERIOR_ENAMEL
EE_19981019.009	phase	10/18/98 08:00:14	10/18/98 08:00:37	10/18/98 08:00:14	10/18/98 08:00:37	EXTERIOR_ENAMEL
EE_19981019.009	operation	10/18/98 08:00:14	10/18/98 08:00:37	10/18/98 08:00:14	10/18/98 08:00:37	EXTERIOR_ENAMEL

1220

Page 1 of 1

②

⑧

1304



Batch Event Table

F1614

Batch History View - [EE_19981019.009 - Batch Events]

File Edit View Batch Events Applications Window Help

Default

Event Type	Event Desc	Time	Process Call	Unit	Phase Module
State Change	State Changed: IDLE	10/18/98 08:04:09	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: COMPLETE	10/18/98 08:04:08	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Report	ACTUAL_CHARGE 0.0 gal	10/18/98 08:04:06	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 3 with Wait	10/18/98 08:04:02	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 2 with Wait	10/18/98 08:03:59	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 1 with Wait	10/18/98 08:00:41	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Param Download Verified	CHARGE_AMOUNT 0.0	10/18/98 08:00:37	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Recipe Value	CHARGE_AMOUNT 0.0 gal	10/18/98 08:00:37	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: RUNNING	10/18/98 08:00:37	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: IDLE	10/18/98 08:00:36	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: IDLE	10/18/98 08:00:36	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: COMPLETE	10/18/98 08:00:35	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Report	ACTUAL_CHARGE 0.0 gal	10/18/98 08:00:33	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 3 with Wait	10/18/98 08:00:29	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 2 with Wait	10/18/98 08:00:21	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 1 with Wait	10/18/98 08:00:19	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Param Download Verified	CHARGE_AMOUNT 5.0	10/18/98 08:00:15	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Recipe Value	CHARGE_AMOUNT 5.0 gal	10/18/98 08:00:15	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: RUNNING	10/18/98 08:00:15	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: IDLE	10/18/98 08:00:14	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: IDLE	10/18/98 08:00:14	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: COMPLETE	10/18/98 08:00:13	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Report	ACTUAL_CHARGE 0.0 gal	10/18/98 08:00:11	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 3 with Wait	10/18/98 08:00:07	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 2 with Wait	10/18/98 07:59:48	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Phase Link Permissive Sent	1000000 Msg Num: 1 with Wait	10/18/98 07:59:46	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Param Download Verified	CHARGE_AMOUNT 65.0	10/18/98 07:59:42	PAINT_BLEND	BLENDER_600	CHGC_BUND600
Recipe Value	CHARGE_AMOUNT 65.0 gal	10/18/98 07:59:42	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: RUNNING	10/18/98 07:59:42	PAINT_BLEND	BLENDER_600	CHGC_BUND600
State Change	State Changed: IDLE	10/18/98 07:59:41	PAINT_BLEND	BLENDER_600	CHGC_BUND600

Record 30 of 30
Page 1 of 1
Batch History View - [EE_19981019.009 - Batch Events]

09302697 - 04:29:09

9

File 15

Batch Comparison Chart

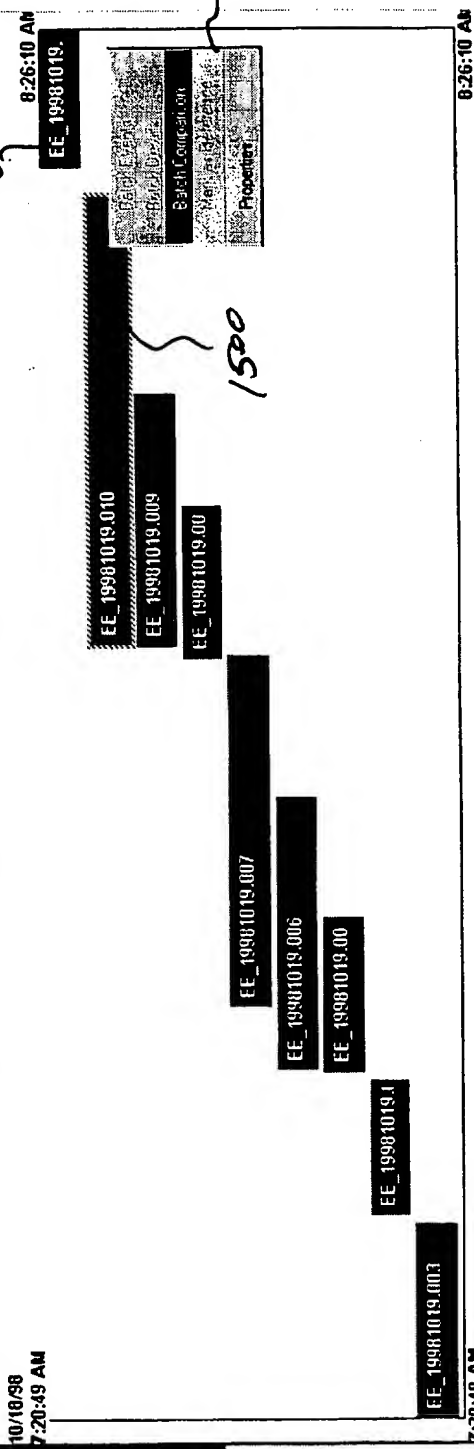
Batch History View - [Batch Overview]

File Edit View Batch Process Graph Events Applications Window Help

default

Batch Overview

10/18/98
7:20:49 AM



7:20:49 AM

Batch Id

	Batch Id	Start Time	End Time	Description	Product	Author	Recipe Version	Scale
1	EE_19981019.011	10/18/98 08:19:46	10/18/98 08:26:10	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
2	EE_19981019.010	10/18/98 07:57:19	10/18/98 08:18:22	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
3	EE_19981019.009	10/18/98 07:57:12	10/18/98 08:09:06	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
4	EE_19981019.008	10/18/98 07:56:38	10/18/98 08:03:52	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
5	EE_19981019.007	10/18/98 07:40:09	10/18/98 07:56:46	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
6	EE_19981019.006	10/18/98 07:37:13	10/18/98 07:50:05	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
7	EE_19981019.005	10/18/98 07:37:07	10/18/98 07:44:25	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
8	EE_19981019.004	10/18/98 07:30:21	10/18/98 07:36:47	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
9	EE_19981019.003	10/18/98 07:20:49	10/18/98 07:29:59	Exterior Paint Blending	AUSTX-78732	DeltaV Batch Demo	1.0	100.0 %
10	Record 1							

Compare batch details of two batches. Click to select 2nd batch.

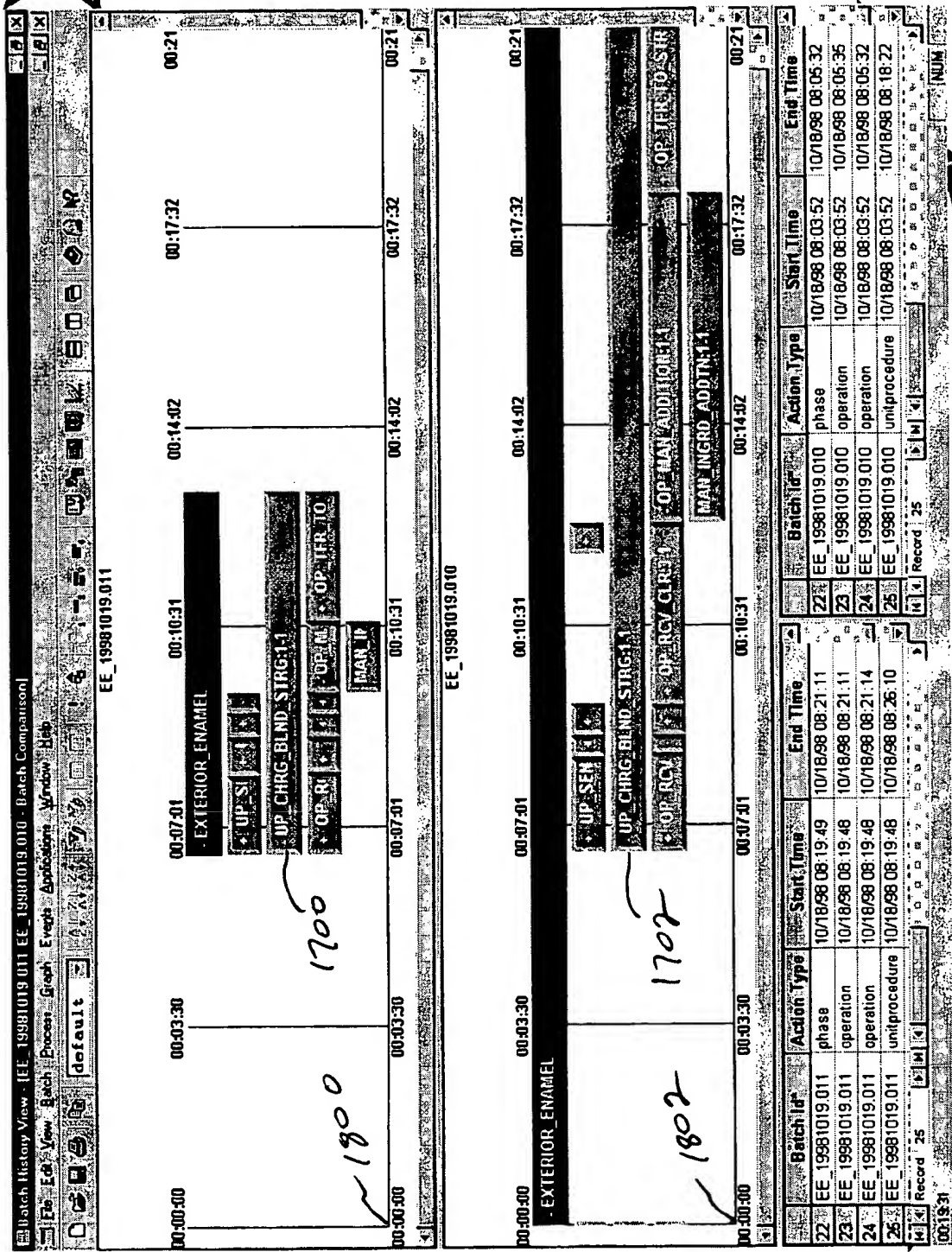
1504
1504



10

09/30/97 - 04/29/99

FIG 18



09302687 - 042999

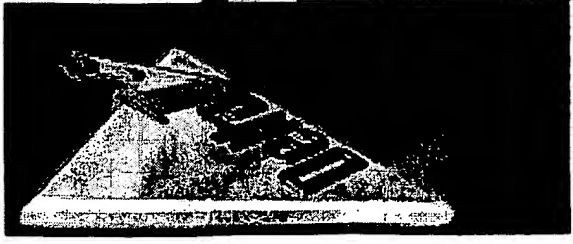
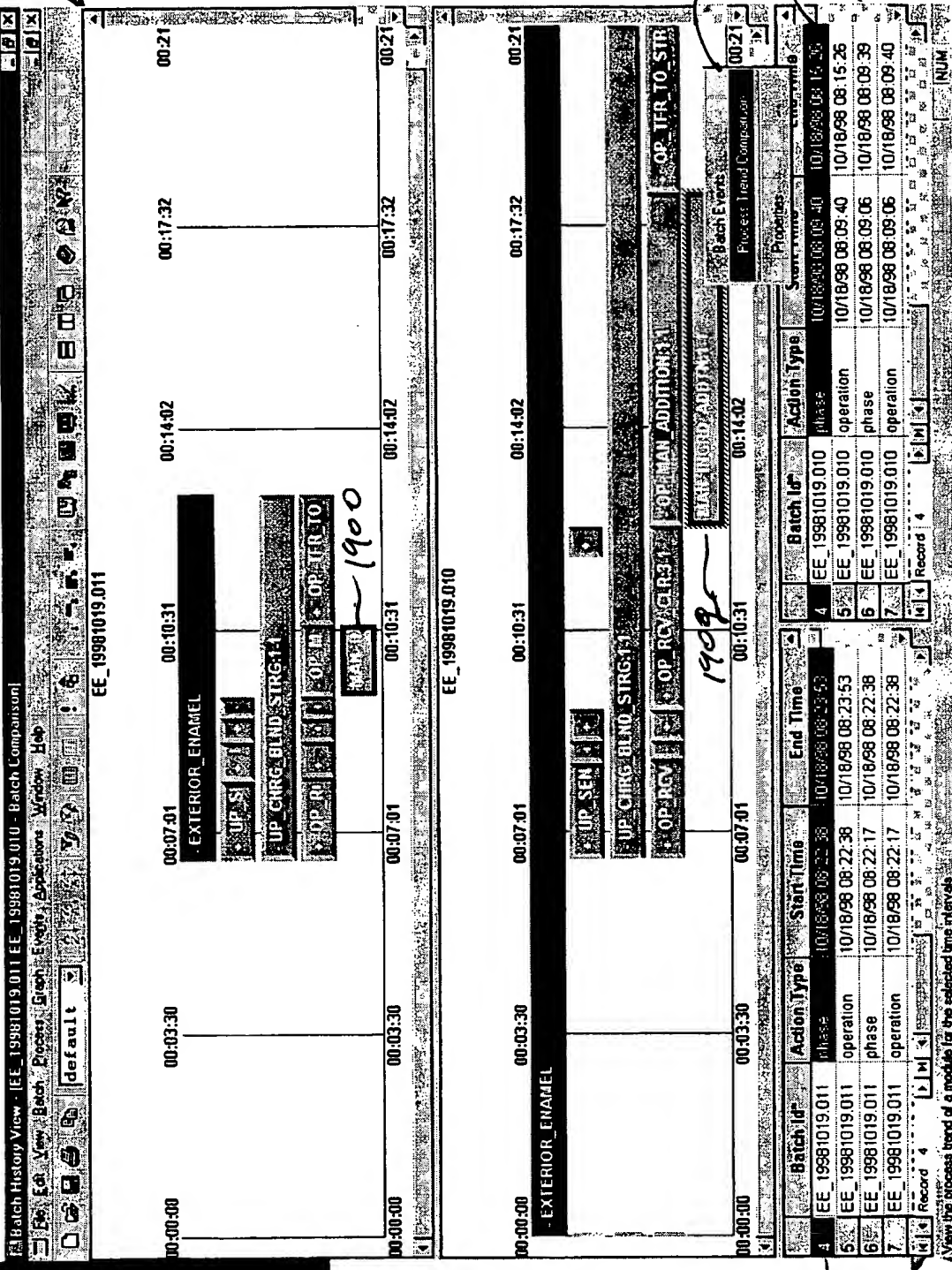


FIG 19

Trend Comparison Chart



1904

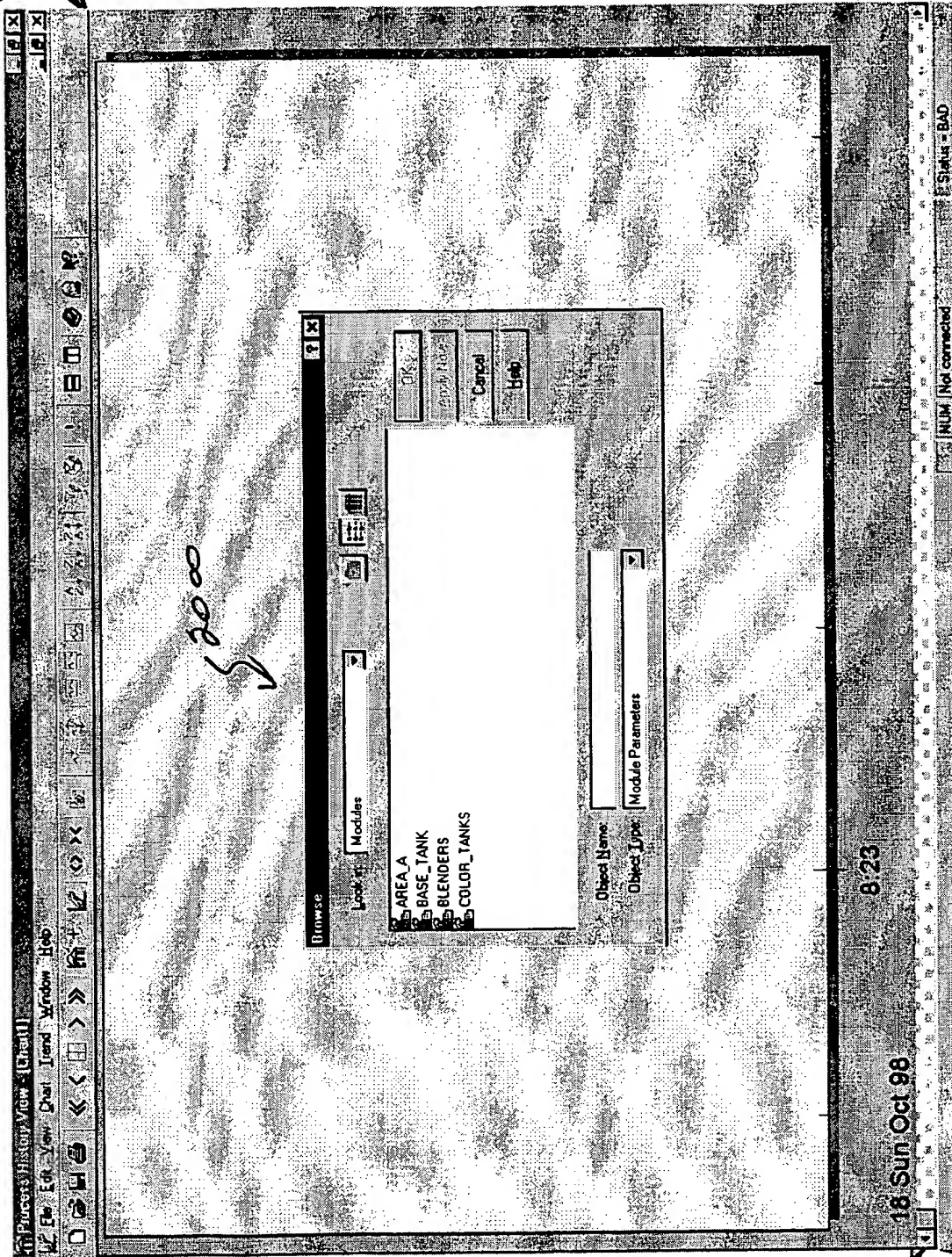
1904

1908

19

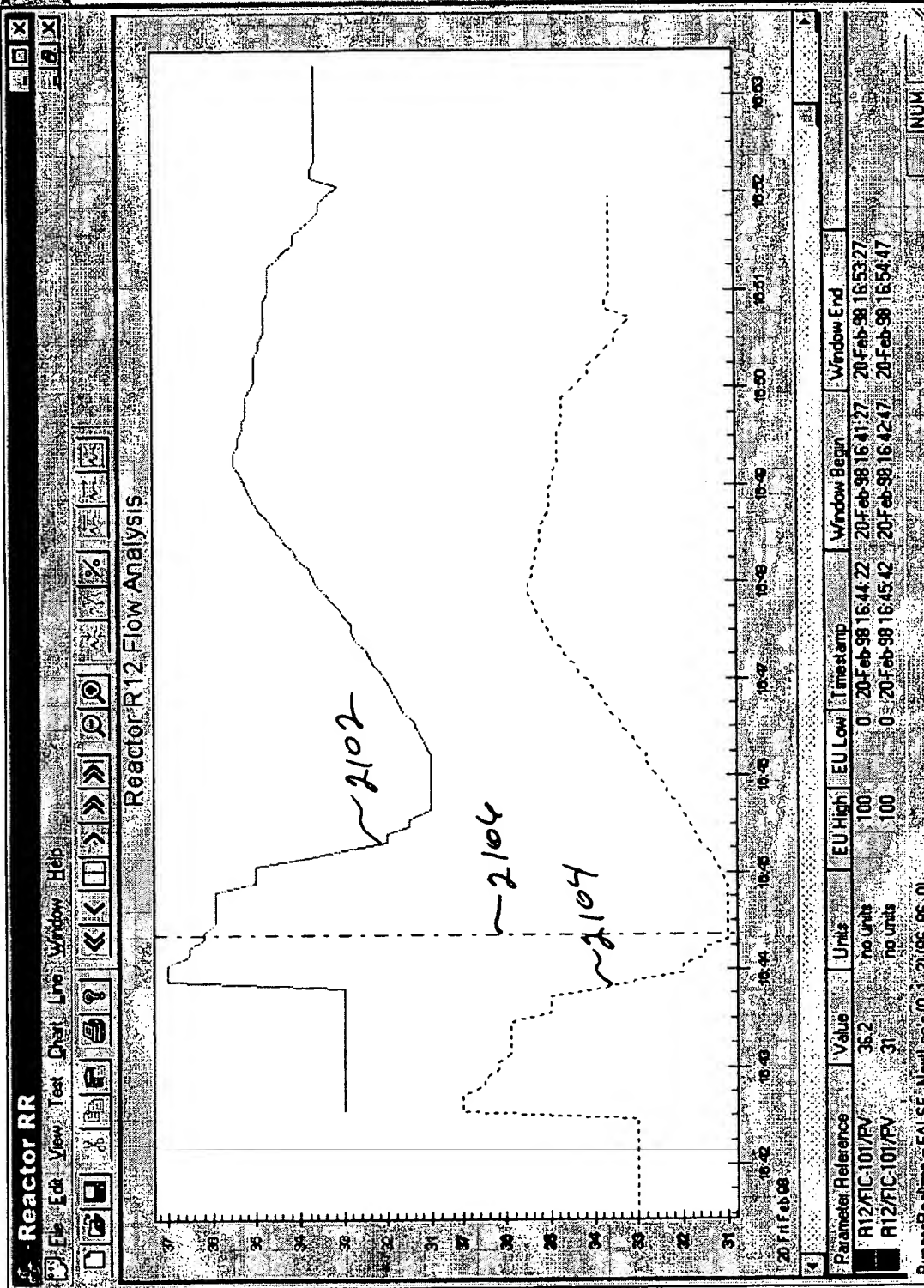
00302637 - 042909

FIG 20



09302637-042999

F1621



2100

18

09302697 : 042999